

Title (en)  
Precured silicone emulsion

Title (de)  
Partiell gehärtete Silikonemulsion

Title (fr)  
Emulsion de polysiloxane partiellement réticulé

Publication  
**EP 0420522 B1 19960508 (EN)**

Application  
**EP 90310370 A 19900921**

Priority  
US 41180089 A 19890925

Abstract (en)  
[origin: EP0420522A2] A shelf stable aqueous silicone emulsion which yields an elastomer upon removal of the water is produced by combining a hydroxyl endblocked polydiorganosiloxane present as an emulsion of dispersed particles in water, a crosslinker and a tin catalyst, the tin catalyst being in the form of a divalent tin atom combined with organic radicals. The emulsion, after crosslinking of the polydiorganosiloxane, can be reinforced with colloidal silica without affecting the shelf life of the reinforced emulsion.

IPC 1-7  
**C08L 83/04**; **C08J 3/03**; **C08K 5/00**

IPC 8 full level  
**B01J 31/12** (2006.01); **C08J 3/02** (2006.01); **C08J 3/03** (2006.01); **C08K 3/36** (2006.01); **C08K 5/00** (2006.01); **C08K 5/09** (2006.01); **C08K 5/5419** (2006.01); **C08K 5/544** (2006.01); **C08L 83/04** (2006.01); **C08L 83/08** (2006.01)

CPC (source: EP KR US)  
**C08J 3/03** (2013.01 - EP US); **C08K 5/00** (2013.01 - EP US); **C08L 83/04** (2013.01 - EP KR US); **C08G 77/12** (2013.01 - EP US); **C08G 77/16** (2013.01 - EP US); **C08G 77/24** (2013.01 - EP US); **C08G 77/26** (2013.01 - EP US); **C08J 2383/04** (2013.01 - EP US)

Cited by  
EP0552874A3; EP0735099A1; EP0572006A3; US6054523A; US8003744B2

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